

RECEIVED

MAR 21 1980

EASTMAN KODAK COMPANY
APPROVED BY U.S. DEPARTMENT OF LABOR
"ESSENTIALLY SIMILAR" TO FORM OSHA-20CHEMCENTRAL
ECP-2079-1F (8-79)

MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT NAME:	KODAFLEX® DOP Plasticizer	SIZE:	Not applicable.
CHEMICAL NAME:	Diethyl Phthalate [Bis(2-ethylhexyl) Phthalate]	CAS No.	117-81-7
FORMULA:	$C_6H_4(COOCH_2CH[C_2C_5]C_4H_9)_2$		
MANUFACTURER:	Marketed by Eastman Chemical Products, Inc.		
ADDRESS:	Kingsport, Tennessee 37662		
FOR INFORMATION ON HEALTH HAZARDS CALL:		Monday thru Friday, 8 a.m.-5 p.m. (Eastern), (615) 247-0411, Ext. 3613; all other times (615) 247-0411, Ext. 4666	
FOR OTHER INFORMATION CALL:		Same number as above Extension 2978	INFORMATION EFFECTIVE AS OF: January, 1980

SECTION II HAZARDOUS INGREDIENTS OF MIXTURES

PRINCIPAL HAZARDOUS COMPONENT (S)	%	TLV (Units)
Not applicable.		

SECTION III PHYSICAL DATA

BOILING POINT (°F.)	724°F (384°C)	SPECIFIC GRAVITY (H ₂ O = 1)	0.985 @ 20°/20°C
VAPOR PRESSURE (mm Hg.)	1.2 @ 200°C	PERCENT VOLATILE BY VOLUME (%)	Not applicable.
VAPOR DENSITY (AIR = 1)	13.5	EVAPORATION RATE (_____ = 1)	Not applicable.
SOLUBILITY IN WATER	Negligible.		
APPEARANCE AND ODOR	Clear liquid, little or no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	420°F (216°C) COC	FLAMMABLE LIMITS	Lel 0.28%	Uel Not determined.
		@ 474°F (264°C)		
EXTINGUISHING MEDIA	Dry Chemical, Water Spray, Carbon Dioxide			
SPECIAL FIRE FIGHTING PROCEDURES	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin or eyes.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None known to Eastman.			

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 5 mg/m³ (A.C.G.I.H., 1979)

EFFECTS OF OVEREXPOSURE

None expected.

EMERGENCY AND FIRST AID PROCEDURES

None should be needed.

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID Not applicable.
	STABLE	X	

INCOMPATIBILITY (Materials to avoid) Oxidizing materials can cause a vigorous reaction.

HAZARDOUS DECOMPOSITION PRODUCTS As with any other organic material, combustion will produce carbon dioxide and probably carbon monoxide.

HAZARDOUS POLYMERIZATION		CONDITIONS TO AVOID Not applicable.
May Occur	Will Not Occur X	

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN
IN CASE MATERIAL IS
RELEASED OR SPILLED

Eliminate ignition sources. Flush spill away with water spray.
Small spills may be collected with absorbent material.

WASTE DISPOSAL METHOD

Incineration.
Observe all Federal, state, and local laws concerning health and environment.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) An appropriate NIOSH-approved respirator for mists and/or organic vapor should be worn if needed.

VENTILATION	LOCAL EXHAUST	If needed to control vapor at elevated temperatures.	SPECIAL	None known to Eastman.
	MECHANICAL (general)	Recommended.	OTHER	None known to Eastman.

PROTECTIVE GLOVES

None should be needed.

EYE PROTECTION

Safety glasses should be worn in any type of industrial operation.

OTHER PROTECTIVE
EQUIPMENT

None should be needed.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN
IN HANDLING AND STORING

No special precautions known to Eastman.

OTHER PRECAUTIONS

No eye hazard known to Eastman; however, any material gotten into the eye should be washed out immediately and medical attention obtained if symptoms persist after washing. Appropriate ventilation may be necessary at operations with elevated temperatures or where mists or aerosols are encountered. Maintain workroom air concentration below the specified TLV (see Section V).

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.